

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

RECORD OF WELL

P 479


Close 15' from  
15y-0.4N-6.5E

Locate well on plat of section.

- Location: State N.Y. County Putnam  
Nearest P. O. \_\_\_\_\_ Direction from P. O. \_\_\_\_\_  
Distance from P. O. \_\_\_\_\_ miles;  $\frac{1}{4}$  sec. \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_  
If in city, give street and number Town of Patterson
- Owner: Dr. Albert M. Towner Address Towners, N.Y.  
Driller: Henry Ballard Address Patterson, N.Y.  
Wm. Burns on ny
- Situation: Is well on upland, in valley or on hillside? valley
- Elevation of top of well: 480 ft. above the level of sea (Above or below) (Sea, depot, lake, or stream)
- Type of well: driven; kind of drilling rig used drum point (Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
- Depth of well: 15 ft.; year in which well was finished 1929  
Does well enter rock? No; if so, at what depth? \_\_\_\_\_ ft.; kind of rock \_\_\_\_\_
- Diameter: At top 1 1/2 inches; at bottom 1 1/2 inches.
- Principal water bed: sand and gravel (Gravel, sand, clay, or rock. If rock, state kind)  
Depth to principal water bed 15 ft.; thickness of bed \_\_\_\_\_ ft.  
If other water supplies were found, give depth to each none
- Casings: Kind steel pipe; size 1 1/2"; length 15 ft.; between depths of 0 and 15 ft.  
Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.  
Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.
- Packers (if any): Depth at which packers were used none; kind \_\_\_\_\_
- Screen or Strainer: Was well finished with screen? \_\_\_\_\_; kind of screen well point  
length of screen \_\_\_\_\_ ft.; diameter \_\_\_\_\_ inches; size of openings \_\_\_\_\_
- Head: Does well at present overflow without pumping? No; did it overflow when new? No  
if flowing, give pressure \_\_\_\_\_ lb. per sq. inch; or height water will rise in a pipe \_\_\_\_\_ ft. above surface;  
original pressure or head \_\_\_\_\_; if not flowing, give water level in well 5 ft. below surface. approx.
- Pump: Is the well pumped? yes; kind of pump Gould  
size or capacity of pump 3 GPM; kind of power electric
- Yield: Natural flow at present (if any) \_\_\_\_\_ gallons per minute; original flow \_\_\_\_\_ gallons per minute;  
well has been pumped at 3 GPM gallons per minute continuously for 2 hours;  
quantity of water ordinarily obtained from well 60± gallons per day.
- Use: For what purpose is the water used? Domestic - 1 family
- Quality of the water: very hard; is there an analysis? Yes (own)  
(Hard or soft, fresh or salty, etc.)
- Cost of well, not including pump: \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.

Name of person filling blank W. Grossman from Dr. Towner

Date 5-24-50

Address U.S. Nat. Survey in Albany

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

& Bill Burns 9-12-50



Curry & Bill Buns

# LOG OF WELL (from survey)

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Soil, etc.	0	10	10	
Gravel and sand	10	15	5+	
Permutit <sup>from Beal</sup> Analysis Kitchen tap. well. 8-24-39				
Total hardness	234	✓		
alk	236	✓		
CO <sub>2</sub>	16			
Cl	3	2.1 ✓		
SO <sub>3</sub>	12	14		
Fe	0.2	✓		
Turbidity	3	✓		
Color	5	✓		
PH	7.4	✓		
Total compensated hardness	14			
Pitcher pump tested for 2 hrs. at 30 PM with no drawdown.				

12  
x 1.2  
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24  
3  
12  
14.4  
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26.4  
864  
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1296  
13524